

## EAST Search History

| Ref # | Hits    | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|---------|--|---|------------------|---------|---------------------|
| S1    | 2       | "20060273324"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/03/18<br>09:36 |
| S2    | 10      | ("20020177247"  <br>"20030122478"  <br>"20030132445"   "4675058"<br>  "5563900").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/03/18<br>10:31 |
| S3    | 1046291 | (LED) or (light adj emit\$5<br>adj diode)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/03/18<br>10:36 |
| S4    | 103     | (luminous near peak) with<br>wavelength with (nm or<br>nanometer)                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/03/18<br>10:37 |
| S5    | 52      | S3 S4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/03/18<br>10:37 |
| S6    | 11872   | (output or reflection) near<br>plane   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/03/18<br>11:24 |
| S7    | 2140    | S3 S6  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/03/18<br>11:25 |
| S8    | 1460    | 438/29.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | ON      | 2009/03/18<br>11:33 |

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| S9  | 47      | 438/81.ccls.                                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/18<br>11:33 |
| S10 | 5       | S7 S8  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/18<br>11:33 |
| S11 | 1       | (S6 with damag\$5) S3                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/18<br>11:40 |
| S12 | 9       | (S6 same damag\$5) S3                          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/18<br>11:40 |
| S13 | 2       | "5753940".pn.                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>13:33 |
| S14 | 2       | "20040212805"                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>13:36 |
| S15 | 2       | "7172325".pn.                                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>13:41 |
| S16 | 121     | (output adj plane) (reflecti\$5<br>near plane) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>13:43 |
| S17 | 1047122 | (LED) or (light adj emit\$5<br>adj diode)      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>13:43 |

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| S18 | 40    | S17 S16   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>13:43 |
| S19 | 103   | (luminous near peak) with<br>wavelength with (nm or<br>nanometer) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>13:53 |
| S20 | 2     | "20020177247"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>14:07 |
| S21 | 11884 | (output or reflection) near<br>plane                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>14:22 |
| S22 | 2000  | S21 with (inclination or slant<br>or angle)                       | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>14:22 |
| S23 | 484   | S17 S22   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>14:22 |
| S24 | 21270 | (peak) with wavelength with<br>(nm or nanometer)                  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>14:24 |
| S25 | 7621  | S24 S17   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>14:25 |
| S26 | 61    | S24 S17 S21   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/20<br>14:26 |

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| S27 | 18     | taper with ((output or reflection) near plane)            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>08:49 |
| S28 | 22552  | (luminous or peak) with wavelength with (nm or nanometer) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:00 |
| S29 | 2479   | 257/79.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:00 |
| S30 | 200    | S28 S29   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:00 |
| S31 | 288563 | surface with emit\$5                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:00 |
| S32 | 146    | S30 S31   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:01 |
| S33 | 325957 | surface with (emit\$5 or emission)                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:02 |
| S34 | 149    | S30 S33   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:02 |
| S35 | 2      | "6881977".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:15 |

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| S36 | 600     | 438/40.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:18 |
| S37 | 1469    | 438/29.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:33 |
| S38 | 2236755 | @pd> = "20080331"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:34 |
| S39 | 324     | S37 S38  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:34 |
| S40 | 47      | 438/81.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:54 |
| S41 | 4       | S38 S40  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:54 |
| S43 | 476     | 257/95.ccls. not (438/29.<br>ccls. or 438/40.ccls. or<br>438/81.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:56 |
| S44 | 1604    | 257/94.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:56 |
| S45 | 4055    | 257/98.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>09:56 |

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| S46 | 2323 | blue with S42 with wavelength with nm            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>10:29 |
| S47 | 837  | S46 ("438".clas. or "257". clas.)                | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>10:30 |
| S48 | 578  | blue with S42 with wavelength with nm with range | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON | 2009/03/23<br>10:31 |
| S49 | 532  | blue with S42 with wavelength with nm with range | US-PGPUB;<br>USPAT; USOCR   | AND | ON | 2009/03/23<br>11:16 |

**3/ 23/ 2009 11:44:29 AM**

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